

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-12. (Cancelled)

13. (Previously Presented) Device for treating breathing problems, comprising:
a lower shaped part fitting onto the teeth of the lower jaw,
an upper shaped part fitting onto the teeth of the upper jaw, and
at least one adjustable connecting means between the upper and lower shaped part for forward/backward and upward/downward adjustment of the upper shaped part relative to the lower shaped part,

wherein,

- one shaped part of said upper and lower shaped parts is provided at the front with a slide mechanism including a slide element which is slidable laterally to a limited extent along a guide element,
- the at least one adjustable connecting means has a first end and a second end, said first end being fixedly connected to the front side of the other shaped part of said upper and lower shaped parts, such that said first end is in front of the teeth when said other shaped part is placed in the mouth, and said second end being connected to the slide element;
- the at least one adjustable connection means includes

a horizontal adjusting screw for forward/backward adjustment of said one shaped part relative to said other shaped part,

a vertical adjusting screw for the upward/downward adjustment of said one shaped part relative to said other shaped part, and

a coupling piece for coupling said horizontal adjusting screw with said vertical adjusting screw.

14. (Previously Presented) Device as claimed in claim 13, wherein the dimensions of the guide element and the slide element are closely-sized transversely of the guiding direction.

15. (Previously Presented) Device as claimed in claim 13, wherein the guide element is a rod mounted between two points of the one shaped part, and the slide element is a hollow tube slidable around this rod.

16. (Previously Presented) Device as claimed in claim 13, wherein the length of the hollow tube is chosen as a function of the desired maximum lateral displacement.

17. (Previously Presented) Device as claimed in claim 13, wherein the slide element can be snapped onto the guide element.

18. (Previously Presented) Device as claimed in claim 13, wherein said vertical adjusting screw has a first and a second outer end, and is provided with double screw thread for upward/downward adjustment of the upper shaped part relative to the

lower shaped part, which vertical adjusting screw co-acts at its first outer end with a first threaded bore in the coupling piece, and which co-acts on its second outer end with a second threaded bore provided on the front side of the other shaped part, wherein a rotation of the adjusting screw changes the distance between the lower and upper threaded bores.

19. (Previously Presented) Device as claimed in claim 18, wherein the vertical adjusting screw is provided with an encircling flange substantially in the middle between its first and second outer end, said encircling flange having radially directed openings in which a rod fits for the purpose of turning the adjusting screw through rotation of the rod.

20. (Previously Presented) Device as claimed in claim 18, wherein the vertical adjusting screw is enclosed on both sides by telescopically acting tubes.

21. (Previously Presented) Device as claimed in claim 13, wherein said vertical adjusting screw has a first and second outer end, said first outer end co-acting with a threaded bore provided on the front side of said other shaped part, and said second outer end being integrated with the coupling piece.

22. (Previously Presented) Device as claimed in claim 13, wherein said horizontal adjusting screw has a first outer end and a second outer end, said first outer end co-acting with a threaded passage.

23. (Previously Presented) Device as claimed in claim 22, wherein the threaded passage is provided in the slide element and the horizontal adjusting screw is provided on its second outer end with a screw head, said coupling piece being provided with a horizontally oriented hole through which the horizontal adjusting screw extends.

24. (Previously Presented) Device as claimed in claim 22, wherein the threaded passage is provided in said coupling piece, the horizontal adjusting screw being provided on its second outer end with a screw head, and wherein the slide element is provided with a horizontally oriented hole through which the horizontal adjusting screw extends.

25. (Previously Presented) Device as claimed in claim 13, wherein the vertical adjusting screw is partially built in a shaped part.

26. (Previously Presented) Device for treating breathing problems, comprising:
a lower shaped part fitting onto the teeth of the lower jaw,
an upper shaped part fitting onto the teeth of the upper jaw, and
at least one adjustable connecting means between the upper and lower shaped part for forward/backward and upward/downward adjustment of the upper shaped part relative to the lower shaped part,

wherein,

- one shaped part of said upper and lower shaped parts is provided at the front with a slide mechanism including a slide element which is slidable laterally to a limited extent along a guide element,

- said at least one adjustable connection means includes,
a horizontal adjusting screw for forward/backward adjustment of said one shaped part relative to said other shaped part,
a vertical adjusting screw for the upward/downward adjustment of said one shaped part relative to said other shaped part, and
a coupling piece for coupling said horizontal adjusting screw with said vertical adjusting screw,
- said horizontal screw having a first outer end and a second outer end, said first outer end being coupled with the sliding element, and said second outer end being coupled with said coupling piece,
- said vertical screw having a first and a second outer end, said first outer end being connected with the front of the other shaped part of said upper and lower shaped parts, and said second outer end being connected with the coupling piece.

27. (Previously Presented) Device for treating breathing problems, comprising:
a lower shaped part fitting onto the teeth of the lower jaw,
an upper shaped part fitting onto the teeth of the upper jaw, and
at least one adjustable connecting means between the upper and lower shaped part for forward/backward and upward/downward adjustment of the upper shaped part relative to the lower shaped part,
wherein,
- one shaped part of said upper and lower shaped parts is provided at the front with a slide mechanism including a slide element which is slidable laterally to a limited extent along a guide element,

- said at least one adjustable connection means includes,

 a horizontal adjusting screw for forward/backward adjustment of said one shaped part relative to said other shaped part,

 a vertical adjusting screw for the upward/downward adjustment of said one shaped part relative to said other shaped part, and

 a coupling piece for coupling said horizontal adjusting screw with said vertical adjusting screw,

 - said horizontal screw having a first outer end and a second outer end, said first outer end being coupled with the sliding element, and said second outer end being coupled with said coupling piece,

 - said vertical screw having a first and a second outer end, said first outer end co-acting with a threaded bore provided on the front side of the other shaped part of said upper and lower shaped parts, and said second outer end being connected with the coupling piece, wherein said first outer end is in front of the teeth when said upper and lower shaped parts are placed in the user's mouth.

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